

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method of encrypting and transmitting ~~voice and data together~~ in a secure communication system, said method comprising:

~~receiving analog communications from a first analog communications device;~~

~~receiving data communications from a first computing device;~~

establishing a first data tunnel over a non-secure public data network;

~~combining said analog communications and said data communications to form a single combined data stream;~~

~~encrypting said single combined a data stream through a single Type 1 encryption unit into an encrypted data stream; and~~

~~encapsulating said Type 1 encrypted data stream in an IP packet; for transmission~~

establishing a second data tunnel over said non-secure public data network to transmit said encapsulated Type 1 encrypted data stream; and

transmitting said encapsulated Type 1 encrypted data stream through said first data tunnel and said second data tunnel over said non-secure public data network[[:]]

~~wherein a payload of said encapsulated Type 1 encrypted data stream IP packet contains routing information for routing said encapsulated Type 1 encrypted data stream to a second computing device and a second analog communications device.~~

2. (canceled)

3. (currently amended) The method of encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 1, further combining wherein:

combining an analog communication data stream and a digital data stream to form said data stream, said combining ~~[[is]]~~ being performed by a voice-enabled router.

4. (currently amended) The method of encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 1, wherein:

said Type 1 encryption unit is a KIV-type encryption unit.

5. (currently amended) The method of encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 4, wherein:

said KIV-type encryption unit is a KIV-7 encryption unit.

6. (currently amended) The method of encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 1, wherein:

said Type 1 encryption unit is a KIV-type encryption unit.

7. (currently amended) The method of encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 6, wherein:

said KIV-type encryption unit is a KIV-7 encryption unit.

8. (currently amended) Apparatus for encrypting and transmitting voice and data together in a secure communication system, said method comprising:

~~means for receiving analog communications from a first analog communications device;~~

~~means for receiving data communications from a first computing device;~~

means for establishing a first data tunnel over a non-secure public data network between a near secure communication system and a remote secure communication system;

~~means for combining said analog communications data communications stream to form a single combined data stream;~~

~~means for encrypting said single combined a data stream through a single Type 1 encryption unit into an encrypted data stream; and~~

~~means for encapsulating said Type 1 encrypted data stream in an IP packet; for transmission~~

means for establishing a second data tunnel over said non-secure public data network to transmit said encapsulated Type 1 encrypted data stream;
and

means for transmitting said encapsulated Type 1 encrypted data stream through said first data tunnel and said second data tunnel over said non-secure public data network[[:]]

~~wherein a payload of said encapsulated Type 1 encrypted data stream IP packet contains routing information for routing said encapsulated Type 1 encrypted data stream to a second computing device and a second analog communications device.~~

9. (canceled)

10. (currently amended) The apparatus for encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 8, further comprising wherein said means for combining comprises:

means for combining an analog communication data stream and a digital data stream to form said data stream ~~a voice-enabled router.~~

11. (currently amended) The apparatus for encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 8, wherein:

said Type 1 encryption unit is a KIV-type encryption unit.

12. (currently amended) The apparatus for encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 11, wherein:

said KIV-type encryption unit is a KIV-7 encryption unit.

13. (currently amended) The apparatus for encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 8, wherein:

said Type 1 encryption unit is a KIV-type encryption unit.

14. (currently amended) The apparatus for encrypting and transmitting ~~voice and data together~~ in a secure communication system according to claim 13, wherein:

said KIV-type encryption unit is a KIV-7 encryption unit.